

Page No.

Oligos were ordered Q 582A & F 667Y on
Y671S on

SEQUENCE 2679, 27 -MER

5'-GAC-GGG-GAT-GTT-CGC-GAG-GTT-G
GG-AT (C) 3' NruI created

2679 Q 582A

SEQUENCE 2680, 33 -MER

5'-GTA-GAG-GAC-CCC-GTA-ATT-AAT-G
GT-CTT-GGC-CG (C) 3' AseI created

2680 F 667Y

SEQUENCE 2723, 30 -MER

5'-GTG-GGC-CGA-CAT-TCC-GGA-GAG-G
AC-CCC-GA (A) 3' BspEI created

2723 Y671S

2# Mutant

Q 582A : 34 OD \rightarrow dissolved in 102 μ l TE : 1 μ g/ μ l = 1000 ng/ μ l
27mer \equiv $27 \times 0.33 = 8.91$ ng/pmol
 \therefore Conc = $\frac{1000}{8.91} = 112$ pmol/ μ l

F 667Y : 33 OD \rightarrow dissolved in 990 μ l TE : 1000 ng/ μ l (1 μ g/ μ l)
33mer \equiv $33 \times 0.33 = 10.89$ ng/pmol
 \therefore Conc = $\frac{1000}{10.89} = 91$ pmol/ μ l

Y671S : 2 OD - dissolved in 60 μ l TE : 1000 ng/ μ l
30mer \equiv 9.9 ng/pmol
Conc = 101 pmol/ μ l

To Page No.

Read & Understood by me,

Date

Invented by

Date

Recorded by

J. B. H. H. H. H. H.